PRODUCTS & SERVICES GUIDE

2010

U.S. Army Corps ot Engineers

Europe District

Products and Services

US Army Corps of Engineers ®
Europe District

The Europe District Products & Services Guide is published by the Public Affairs Office. The guide can be found under the “About Us” link on our website: www.nau.usace.army.mil. If you need assistance, please call us at DSN 570-2720 or Civilian +49 (0)611-9744-2720.

Products and Services

US Army Corps
of Engineers ®
Europe District

ABG 75 Contracting

Point of Contact: Dipl.-Ing. Erhard Frey
Commercial: 0611-9744-2526
DSN: 570-2526
E-mail: erhard.frey@usace.army.mil

What is it?
The ABG 75 agreement is the basis for contracting engineering and construction services for the U.S. forces in Germany under the Status of Forces Agreement.

How does it work?
Europe District contracts with German government construction agencies for services to the U.S. military under the ABG 75 to:

- Execute design and/or construction
- Obligate construction funds on an estimated basis
- Execute quick trade contracts for minor maintenance and repair

What assistance is available?
Europe District project management teams include engineers, contract specialists, budget managers, and construction supervisors who are experts in working with German authorities and the ABG 75 to facilitate quality completion of indirect projects that meet U.S. requirements. Services include:

- LCPM (Life Cycle Project Management)
- Field supervision and inspection

What are the limitations?
Host nation fees are flat rates based on the type of project (maintenance and repair are higher than for new construction).

What does it cost?
- Europe District's project management fees are negotiated on a project-by-project basis.
- Europe District's flat rate fees for field supervision and inspection are reduced by the amount of the German government fee for field inspection. For exempt-funded projects, our fees are negotiable.

Products and Services

Accessible Design

US Army Corps of Engineers ®
Europe District

Point of Contact: Eric Garcia
Commercial: 0611-9744-2274
DSN: 570-2274
E-mail: eric.p.garcia@usace.army.mil

What is it?
The Department of Defense (DoD) established a policy in 1993 to comply with the Americans with Disabilities Act Accessibility Guidelines (ADAAG) in addition to the Uniform Federal Accessibility Standards (UFAS) in designing and constructing DoD facilities worldwide whenever the ADAAG provide equal or greater accessibility. The Architectural Barriers Act (ABA) and the newer Americans with Disabilities Act (ADA) are both federal laws under which the UFAS and the ADAAG were developed, respectively. Applying the ADAAG and the UFAS early in a project, such as at 1391 programming and/or the design charrette phase, will eliminate the confusion, difficulties, and lost design efforts when the necessary requirements are identified too late.

How does it work?
We recommend consultation and perhaps a site visit prior to start of design, or at least a review of the concept design package, so that we can discuss your needs and best advise on a course of action.

What assistance is available?
• Our professional architects and engineers are knowledgeable of the accessibility requirements, regulations, standards, and limitations for new construction and alteration of existing facilities. Additionally, our diverse staff will help mesh the U.S. requirements with host nation standards where applicable.

• Expert advice will ensure compliance with the accessibility requirements with the lowest cost and impact on your project.

What are the limitations?
Depending on the scope and complexity of the project, the review and/or design take from a few hours to several weeks; depending on the exact needs.

What is the cost?
The cost depends on the complexity of the project and amount of effort required to satisfy the ADAAG and UFAS requirements. An estimate will be provided upon request. If less than a half man-day is estimated, there will be no charge for the fact-finding service.

Products and Services

US Army Corps
of Engineers ®
Europe District

A-E Contracts
(Indefinite Delivery Type Contracts)

Point of Contact: Jeff Wheeler
Commercial: 0611-9744-2474
DSN: 570-2474
E-mail: jeffrey.b.wheeler@usace.army.mil

What is it?
Europe District develops Architect and Engineering (A/E) Indefinite Delivery Type (IDT) contracts to extend our customer's planning, design, study and construction management capabilities. Community- and district-sponsored IDTs offer an excellent opportunity to quickly obtain A/E services for small- to medium- sized projects. Firm Fixed Price (FFP) contracts can be obtained for specific, larger sized projects if warranted and authorized.

How does it work?
Community IDT: The installation or garrison identifies its requirements to the Europe District Regional Program Manager (proponent), requests an IDT contract and provides support during the process. The District completes an Independent Government Estimate (IGE), advertises, selects, negotiates and awards the basic contract. The customer manages the IDT task orders for individual projects and holds Contracting Officer Representative (COR) authority. We perform technical and procurement reviews and maintain Contracting Officer authority.
District IDT: The Europe District sponsors a contract for indefinite delivery of small to medium projects.

What assistance is available?
Europe District will provide complete support for award of IDT contracts. We will write the scope of work, advertise, evaluate proposals, select the A/E, prepare the IGE, negotiate and award the contract. We then provide debriefings to unsuccessful A/E's.
For individual task orders, assistance is available for preparing scopes of work, evaluating A/E proposals, negotiating, and awarding the task orders.
Subsequent to award, we offer help in making A/E progress payments, if desired, and in coordinating of A/E Performance Appraisals.

What are the limitations?
IDT contracts have a maximum capacity of $3 million. Task orders also have a maximum of limit $3 million. The contract can be written for one base year with two one-year options or other convenient options.

What does it cost?
Funding is required only for actual labor expended, which varies based on the complexity of the selection/negotiation and on the participation of the community sponsor. To procure an IDT it costs $20,000. Multiple contracts using the same solicitation cost an additional $3,000 per contract. To process an IDT contract action (including RFP, objectives, negotiation, documentation and award), it costs $1,500 per task order or modification.

BCOE Review

US Army Corps of Engineers ®
Europe District

Point of Contact: Mike Bosley
Commercial: 0611-9744-2743
DSN: 570-2743
E-mail: micheal.j.bosley@usace.army.mil

What is it?
Biddability, Constructability, Operability and Environmental (BCOE) review is defined as a process that ensures bidding, construction, operational and environmental issues are properly considered in the design and design-build process. Biddability and constructability are defined as the ease with which a designed project can be built, as well as the ease with which the contract documents can be understood, bid, administered, and executed. The BCOE review encompasses compatibility of the design with which a project can be operated and maintained. Environmental review addresses the protection of air, water, land, animals, plants, and other natural resources from the efforts or impacts from the construction and operation of the project, as stated in the Environmental Impact Statement or Assessment.

How does it work?
The BCOE review is performed at concept and final design (typically 35 percent and 95 percent) by experienced construction engineers. It involves a review of the contract plans and specifications, a visit to the proposed job site to verify design drawings and general consistency with current construction trends.

We perform a BCOE review on projects prior to awarding a construction contract expert for those projects that are of minimal complexity and contract value.

What assistance is available?
• Our professional and experienced construction engineers are knowledgeable of current construction codes, quality construction means and methods and limitations for new construction and alteration of existing facilities. Additionally, our diverse staff will help mesh the U.S. requirements with host nation standards where applicable.

• Expert advice will ensure compliance with local standards and your concerns with the lowest cost and least impact on your project.

What are the limitations?
Depending on the scope and complexity of the project, the review and/or design can take from a few hours to several weeks, depending on the exact need.

What does it the cost?
The cost depends on the complexity of the project and amount of effort required to satisfy the requirements. An estimate will be provided upon request. If less than a half man-day is estimated, there will be no charge.

US Army Corps
of Engineers ®
Europe District

CADD
(Training, Assistance, and Products)

Point of Contact: John Rice
Commercial: 0611-9744-2830
DSN: 570-2830
E-mail: john.m.rice@usace.army.mil

What is it?
IM provides Computer Aided Design and Drafting (CADD) training, limited technical assistance. We help you make more effective use of your CADD equipment and provide you with expert assistance locally.

How does it work?
You identify your requirements (we can help you) and we customize our assistance to meet your needs. Rates are negotiated based on the required services.

What assistance is available?
Our CADD experts offer:

- Formal classroom CADD training (using your own data, if available), including:
  - CADD for Executives
  - CADD for Field Offices
  - Microstation 2D and 3D
  - Advanced Microstation
  - Plotting & Batch Plotting
  - Other customized classes
- Technical assistance
- CADD products and services, including:
  - Specialized map overlays
  - Scanning of engineering drawings

What are the limitations?
Current year funds must be utilized for training.

What does it cost?
Cost of formal classroom training depends on the length of the course (normally $600 - $1,200, excluding TDY costs). Costs for the technical assistance and products are negotiable.

Construction Management Services

US Army Corps of Engineers ®
Europe District

Point of Contact: Terry Bautista
Commercial: 0611-9744-2750
DSN: 570-2750
E-mail: terry.bautista@usace.army.mil

What is it?
If you have a construction or operations and maintenance (O&M) services contract but not enough in-house staff to manage the work, Europe District may be able to help. We offer an array of construction management services depending on the availability of time and talent in our field offices.

How does it work?
You identify your requirements (we can help you) and we customize our assistance to meet your needs.

What assistance is available?
You may select from a variety of services, including:
- Award of construction contracts and task orders by field KOs
- Contract administration on direct or indirect construction projects and O&M services
- Development of scopes of work and cost estimates for delivery-order-type contracts (JOC, IDT, TMC, OMEE)
- Preparation and management / monitoring of construction schedules and budgets
- Review of construction specifications and drawings for constructability, biddability, operability, and environmental requirements
- Management of quality assurance and construction safety programs
- Material / system verification testing
- Review / approval of shop drawings and material submittals
- Change order development, estimates, negotiations, documentation
- Modification actions up to $500,000 by field ACOs
- Post-completion lessons learned inspections
- Warranty implementation and follow up

What are the limitations?
N/A

What does it cost?
Costs vary with the type of program (MILCON, OMA, or exempt), the level of effort, and the complexity of the work. Regulation or U.S. Army Corps of Engineers policy establishes some flat rate fees.

DD Form 1354 Preparation

US Army Corps of Engineers ®
Europe District

Point of Contact: Paul Mason
Commercial: 0611-9744-2287
DSN: 570-2287
E-mail: paul.j.mason@usace.army.mil

What is it?
Europe District assists facility engineers in recapturing DD Form 1354 data to determine residual value of facilities being returned to the host nation. The DD 1354 is the real property document that captures all of the accountable costs for a facility.

How does it work?
On construction projects managed by the Corps of Engineers, we provide a DD Form 1354 as part of the design and construction contract. If you can't locate the form, we can usually provide another copy at no additional charge.

For construction projects managed by the installation or base engineer, we can help you reconstruct the DD Form 1354.

What assistance is available?
- Based upon financial information provided by the customer, the Europe District staff can compile an interim DD Form 1354 for construction projects that communities manage.

- We can review DD Form 1354s completed by your community for compliance with applicable regulations and accepted accounting principles.

- We can prepare the final cost DD 1354 to include a reconciliation of all accounts and other direct costs.

What are the limitations?
Financial information associated with the project must be available from the Director of Public Works or Base Civil Engineer.

What does it cost?
A DD Form 1354 costs $2,500 to complete. If Appendix D is also needed, the cost is an additional $5,000.

Products and Services

DD Form 1391 Preparation Assistance

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN: 570-2825
E-mail: Philip.M.Cohen@usace.army.mil

What is it?
A DD Form 1391 is a construction project programming document used to scope, estimate, and justify all types of construction (MCA, OMA, NAF, etc.) The most thorough and complete DD Form 1391s are accomplished using the planning charrette method. Charrettes are intense collaborative efforts that bring the stakeholders together with professional engineers and architects to define the project requirements, estimate costs, and accomplish the necessary coordination quickly.

How does it work?
We tailor the support to meet your needs. Basically, you have two options: a planning charrette leading to a full DD Form1391, or a simple front page DD Form 1391. The charrette process is more accurate, reliable, and auditable. They are required by the Department of the Army for all MCA projects. A front page DD Form 1391 is a limited effort suitable for initial projects scoping and costing. Our capabilities, include:

- Requirements analysis including sponsor, user, and staff interviews
- Site planning
- Basic economic analysis. (detailed or extensive EAs require more effort)
- Programming cost estimates
- DD From1391 preparation
- Extensive programming knowledge and experience

We develop the draft DD Form 1391 for installation review and then address and incorporate your comments. The form is completed then transferred to the Director of Public Works (DPW) for signatures and submission to higher headquarters.

What other assistance is available?
We are available to conduct technical reviews, gather data, and assist in the submission process, based upon your needs.

What are the limitations?
A good DD Form 1391 requires close coordination with project proponents and garrison staff elements to accurately identify user and project requirements.

What does it cost?
Rates are negotiated based upon type, location, and stage of project development. The typical cost for a desk side front page DD Form 1391 is $15,000. A full DD Form 1391 using the week-long charrette process will cost around $35,000 - $50,000, depending upon the size and complexity of the project. Conducting multiple 1391s at an installation usually reduces costs. Savings are possible if an approved site has been determined and some scoping work has been accomplished.

Design Charrettes

US Army Corps of Engineers ®
Europe District

Point of Contact: Eric Garcia
Commercial: 0611-9744-2274
DSN: 570-2274
E-mail: eric.p.garcia@usace.army.mil

What is it?
A charrette is an intense collaborative effort that brings the stakeholders together with professional engineers and architects to define the project requirements, estimate costs, and accomplish the necessary coordination quickly. The process involves the gathering of information and the definition of project requirements both in written and visual form and the development of a charrette document that is briefed for approval to the appropriate installation level commander who owns the facility. This process maximizes the customer's access to the designer and the designer's access to both the site and the installation during initial planning and during design development.

How does it work?
E and C Bulletin No. 2002-13 dated Sept. 6, 2002, recommends design charrettes during the early design phase of all projects. The design charrette, utilizing an experienced facilitator and involving all stakeholders, will eliminate the misunderstanding common during this phase of a project. Both money and time are saved because the need for later changes is vastly diminished or eliminated altogether. Redesign is markedly reduced because all project requirements and criteria are identified up front and validated within a group setting. Commuication between all parties invovled begins at the start of a project and partnering patterns are established early. Within a short time, the project can be brought to completion and reviewed 35 percent, which also includes the value engineering aspects. Because a team atmosphere has been created and lines of communication have been established between stakeholders, problem solving as the project progresses is also easier.

What assistance is available?
The engineering team possesses the expertise and staff to provide a variety of charrette services for the Europe District. The team pulls from experienced design professionals whose backgrounds include program/ project management, design, teaching, training, group facilitation, as well as current charrette experience. Team members also support the planning team, Installation Support Branch, by providing technical expertise for DD Form1391 planning charrettes. The team has developed a variety of charrette services, and team members are available to assist with your charrette-related needs form initial consultation through execution. Usual services include:

- Facilitating (English, German or other as required)
- Providing technical professionals in the appropriate disciplines (civil/structural/architectural/electrical/mechanical/etc.)
- Cost estimating, economic analysis and/or value engineering capability
- Providing sustainable design review and disability design analysis
- providing drafting or production staff

What are the limitations?
N/A

What does it cost?
Cost depends on the complexity of the project and the amount of effort required to produce the required end products, plus travel. Estimates will include pre-charrette preparation time and follow up. Normally charrettes take from 4-10 days depending on project requirements.

Door to the Corps of Engineers

US Army Corps of Engineers ®
Europe District

Point of Contact: James Noble
Commercial: 0611-9744-2300
DSN: 570-2300
E-mail: james.f.noble@usace.army.mil

What is it?
If you need Corps of Engineers expertise or assistance that is not available at Europe District, we offer our customers seamless access to the services of the entire Corps. We will work with our Regional Business Center at North Atlantic Division (NAD) to find the optimum way to provide the Corps' support and arrange for assistance.

How does it work?
You contact us with your request for service or help in identifying the Corps' capabilities. We survey the Corps' districts, laboratories, and centers of expertise to develop a proposal tailored to meet your needs in Europe. We develop the scope of work, arrange TDY support, and negotiate fees.

What assistance is available?
Engineering specialties in the United States include:

- Civil works water resources capabilities of other NAD Districts
- Engineering Research and Development Center
- Huntsville Engineering and Support Training Center
- Army Range and Training Land Program (RTLP)
- Intrusion detection systems
- Ordnance and Explosives Center
- Protective Design Center
- Transportation Systems Center (TSMCX)
- Utility Monitoring & Control System (UMCS)
- Aircraft hangar fire protection
- Mechanical energy systems
- Photogrammetric Mapping
- Seismic mitigation and hazards reduction
- Shared Energy Savings (SES)
- Third Party Contracting (TPC) for energy or fuels

What are the limitations?
N/A

What does it cost?
Fees are negotiated based upon the actual services and experts required.

DrChecks
(Internet Design Review and Checking System)

US Army Corps
of Engineers ®
Europe District

Point of Contact: Jean Swalley/Michael Bosley
Commercial: 0611-9744-2345/0611-9744-2743
DSN: 570-2345/2743
E-mail: Jean.M.Swalley@usace.army.mil / Michael.J.Bosley@usace.army.mil

What is it?
DrChecks is the worldwide Corps of Engineers Web-based data system designed to facilitate the review and feedback of construction project related documents (plans and specifications), and to collect and share lessons learned. DrChecks provides an integrated Web-review process using free Web browser software.

How does it work?
DrChecks empowers project teams to improve design quality through an integrated Web-based business process. Delivery via the Web allows all project stakeholders to participate in the review using free Web browser software. Remote administration of DrChecks ensures that local personnel are able to change pick lists, offices, and other program features to reflect the evolving nature of working at each individual office.

What assistance is available?
The POC listed above will provide guidance for the setup and support of the DrChecks program. The company that maintains ProjNet/DrChecks provides the utmost technical support to include help on every page of ProjNet, on-line support, e-mail and phone help desk services, Internet help connection support, problem report and change requests. DrChecks assists review comment authors and designers to reach agreement on the resolution of each improvement suggestion. Reports allow users to see others' work, review the progress, identify reluctant participants, and identify issues that impact scope, time, or cost. The goal of DrChecks is to support the successful resolution of problem issues before project milestones are reached.

What are the limitations?
Because DrChecks provides the user with a web-based collaboration database of review comments via the Internet, challenges could occur if access to the Internet is limited.

What does it cost?
DrChecks is available to the Corps of Engineers is part of our basic services.

US Army Corps
of Engineers ®
Europe District

Economic Analysis

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN: 570-2825
E-mail: Philip.M.Cohen@usace.army.mil

What is it?
From a simple life cycle cost analysis of a limited number of alternatives, to a complex economic analysis reviewing a major stationing action, Europe District can provide a comparison of the long-term financial impact of potential alternatives. When prepared in ECONPACK software, the economic analysis serves as input for DD Form1391's.

How does it work?
A customer identifies the need for economic analysis and calls our planning staff.

What assistance is available?
Our staff will:

- Research the alternatives
- Identify cost inputs
- Use standard software to consider the present value of money
- Calculate financial impacts over the necessary period
- Provide documentation for costs, other considerations, and conclusions

What are the limitations?
N/A

What does it cost?
Rates are negotiated based on scope and complexity of the work. Simple economic analysis as required for a DD Form1391 typically cost about $10,000. Recent economic analyses for specific Government Leased Housing Areas, which included consideration for new construction, build-to-lease and private rentals, have cost between $15,000 and $25,000. A more comprehensive analysis justifying significant stationing actions may be accomplished either in-house or via an AE Contract, and can cost $75,000 - $100,000.

ECS
(Electronic Contract Solicitation formerly EBS)

US Army Corps of Engineers ®
Europe District

Point of Contact: Marcus Ballnath
Commercial: 0611-9744-2310
DSN: 570-2310
E-mail: marcus.c.ballnath@usace.army.mil

What is it?
ECS is an electronic process for advertising and distributing contract solicitation documents. ECS is a component of electronic commerce developed to lower purchasing costs, reduce time and improve customer service by leveraging the power of the Internet and associated information technologies. ECS was formerly called Electronic Bid Solicitation (EBS). The use of ECS will result in improving and streamlining the procurement process, eliminating unnecessary reproduction and storage of printed media, and allowing significant savings in resources.

How does it work?
The ECS process is comprised of several component parts, including the development of contract documents, specification, plans and amendments (when applicable) in an electronic read only format. These read only formats are Portable Documents Format (PDF), raster format, Computer-Aided Acquisition and Logistics Support (CALS) and/or Bentley Digital Print Room (DPR). This data is compiled into an electronic announcement, and distribution of the contract documents and amendments to potential offerors is made on CD-ROM, magnetic media, or via the Internet.

What assistance is available?
Your Project Manager will work with our POC listed above to oversee the development and completion of the ECS process to include technical support. Everything is provided in the electronic format.

What are the limitations?
ECS is currently an undocumented process so it requirs individuals to already have specialized knowledge and experience with ECS. Money is currently limited for alternative methods, and the process will be replaced by FedTeDS as the District continues transitioning its prcesses.

What does it cost?
A project fee of $2,500 is required for the development of each ECS submission. (Larger projects are subject to negotiation)

Engineering and Design

US Army Corps of Engineers ®
Europe District

Point of Contact: James Noble
Commercial: 0611-9744-2299
DSN: 570-2299
E-mail: james.f.noble@usace.army.mil

What is it?
Whether you need a new facility or want to repair or alter an old one, the District's engineering team and design staff offers a wide array of services and products. Our staff includes professional architects and engineers from all technical disciplines and can readily tap the A/Es for special requirements.

How does it work?
Let us know what you need, with a pre-concept sketch, a DD Form 1391 or a DA Form 4283. You may also request an on-site meeting to establish the scope of work, the schedule, and the estimated cost for design and construction.

What assistance is available?
- Barracks and family housing design and criteria management for Europe
- Complete Design and Construction (IDC) packages which incorporate design build methodology
- Design/Build construction document support
- Special or unique projects design solutions
- Electronic bid set documents
- Technical assessment and trouble shooting
- Reach back design in support of forward deployed contingency operations
- Sustainable design review and assessment
- Force protection plans, assessments, designs, and review
- Cost estimation, cost studies, and analysis
- Fire Protection analysis, plans, and review
- Disability design, assessment, and review
- Analysis or comparison of Host Nation and U.S. standards
- Technical translation

Our goal is to accomplish what you want - providing a quality product at fair and reasonable costs within the time constraints that meet your needs. Depending on the scope and complexity of the work, the engineering and design can take from a few days to a few months.

What are the limitations?
None

What does it cost?
Costs depend on the amount of effort required to accomplish the work.

Enterprise Systems - Europe
(DES-DE)

US Army Corps of Engineers ®
Europe District

Point of Contact: Maria Goetz
Commercial: 0611-9744-2597
DSN: 570-2597
E-mail: maria.goetz@us.army.mil

What is it?
Europe District offers assistance in obtaining funding from the Defense Logistics Agency (DLA) through the Defense Energy Support Center - Europe (DESC), for qualified fuel sites. The program helps the Director of Public Works and Director of Logistics identify shortcomings so they can program and obtain DLA funding for Maintenance, Repair, and Environmental projects. This also includes emergency repairs with response time under 12 hours. We help expedite the qualification and transfering of funds from DLA to the customer for project execution. Our services include developing project scopes and cost estimates, DD Form 1391 preparation, project tracking from submission through approval, and requesting and accepting funds.

How does it work?
IMA-E funds the labor hours and travel for the district program manager (PM) to assist with DESC program management and execution. The Europe District is tasked by IMA-E as the sale, design, and maintenance construction agent for DESC projects. The level of assistance is based on the life-cycle project management concept (cradle to grave). The PM will evaluate fuel site conditions, determine deficiencies, and submit projects to correct deficiencies with DESC funds. The PM will track the project through the DESC process and notify the customer when the project is approved and funds are available. In the past three years, the $300,000 invested in Europe District for program management, labor, and TDY, returned over $25,000 in projects to Army communities.

What assistance is available?
- The PM manages the entire program from identification of the project to the final invoice payment. Customers decide how much Corps support they require.
- We help the customer develop, modify and manage their fuels program to obtain the maximum DESC funding authorized for maintenance, repair, minor construction, MILCON, environmental compliance, and spill clean up for your facilities.

What are the limitations?
The DESC MR&E program has basic qualification requirements to receive funding. We help you identify these requirements and find ways to meet them.

What does it cost?
Costs associated with this service are provided by IMA-E to support all garrisons in Europe. There are no further costs for the garrisons.

Environmental Baseline Surveys (EBS) Environmental Reviews (ER)

US Army Corps of Engineers ®
Europe District

Point of Contact: Lynn Daniels
Commercial: 0611-9744-2748
DSN: 570-2748
E-mail: lynn.a.daniels@usace.army.mil

What is it?
An Environmental Baseline Study (EBS) documents the existing site-specific environmental conditions and characteristics of a site and appraises the potential for environmental contamination associated with the site prior to U.S. DoD initial deployments to new locations. An Environmental Review (ER) is performed during the planning and site selection stage to identify potential impacts a project would have on the environment and surrounding community.

The EBS:
• Identifies any potential health hazard and environmental concerns with the property
• Documents the environmental condition of the property being used for deployment and adjoining properties
• Records (if any) environmental damages
• Serves as a document for future environmental liability claims
• Identifies environmental, natural and cultural resource issues, that may affect future military use

The ER:
• Identifies whether/how the project could impact the environment or community natural and cultural resources
• Identifies mitigation techniques to lessen or eliminate impacts
• Serves as a tool during the site selection process to determine costs associated with using a project site

How does it work?
The EBS and ER process involve the following tasks:
1. Site Inspection; a visual and physical site inspection of the property, possible sampling and testing
2. Records Review; collection of local environmental geospatial records if available
3. Interviews with relevant personnel
4. Report with geospatial maps IAW guidance in the Army Engineer School EBS Handbook; CONOPS Overseas
5. Survey of Natural and cultural resources in the area of the project site
6. Evaluation of surrounding resources against project objectives, features, and plans

What assistance is available?
An EBS and ER can be completed either through Architect and Engineering (A/E) or service contracts managed by Europe District and the Center for Health Promotion & Preventive Medicine (CHPPM) Europe, or with Europe District's environmental support team or contingency real estate support team in-house personnel, and CHPPM Europe.

What does it cost?
The approximate cost of the studies is based on the location, existing conditions, and scope of the execution (see below). Since EBS/ERs may be done in phases, the cost for a first look at the site will normally can range from $120K up.

1. EUD A/E or service contract (advance lead time and funding) costs usually begin at $350K to include subsurface soil & round water investigation, EUD contract oversight costs, and CHPPM Europe costs.

2. EUD in-house resources (little to no lead time, scope on the ground) such as ENVEST or CREST with CHPPM Europe costs about $120K – 230K.

Environmental Services Contracts

US Army Corps of Engineers ®
Europe District

Point of Contact: James T. Moore
Commercial: 0611-9744-2424
DSN: 570-2424
E-mail: james.t.moore@usace.army.mil

What is it?
In order to more quickly respond to customer needs and reduce execution costs, a wide variety of service contracts have been put in place (or are being put in place) to assist in execution of the military's environmental mission. By pre-placing contractors to perform work under these contracts, it is possible to receive almost immediate turn around on a request for assistance, significantly reducing time from project conception to award.

How do these work?
IDT service contracts provide a specific service in which professional engineer services, such as design are not required. The type of service, area of use, and capacity per year, and per task order is given below. Simply identify your needs at a specific site and contact us.

Examples of contract work:
- Soils/debris disposal, Europe
- Environmental compliance assessment-related work, Europe
- Natural and cultural resources inventory / management plans, Europe
- Rapid response / environmental remediation, Europe
- Soil and groundwater remediation, Europe
- Tank management, Europe
- Radon survey / mitigation, Europe
- Emergency soil response, Balkans
- Waste water treatment facilities – Installation / O&M services, Balkans
- Erosion control, Hohenfels
- Asbestos abatement, Germany
- Environmental management plans and GIS, Europe
- Lead-based paint surveys, Europe
- Preliminary assessments / site investigations, Europe
- Potable water surveys / management plans, Europe

What assistance is available?
We customize our services based upon your needs.

What are the limitations?
Contracts are limited to specific areas; however, they can be put in place wherever there is a desire and need for the service.

What does it cost?
Costs vary depending on the scope of the project.

Environmental Status Reports

US Army Corps of Engineers ®
Europe District

Point of Contact: Jack Kemp
Commercial: 0611-9744-2215
DSN: 570-2215
E-mail: John.E.Kemp@usace.army.mil

What is it?
U.S. Army Garrison commanders are responsible for ensuring an Environmental Status Report (ESR) is prepared for each installation that is to be fully, or partially, returned to the host nation. The ESR is a concise summary of environmental conditions at the installation based on detailed files and historical documents. ESRs are prepared using existing internal information sources. The ESR serves as an index and a guide to the content of the environmental program files of the closing installation and is a requirement for negotiations to return facilities or installations to host nation authorities. ESRs fulfill U.S. Army Europe's (USAREUR) responsibility under Executive Order 12114 by documenting environmental conditions at installations. Europe District prepares ESRs for IMA-Europe in support of USAREUR. IMCOM-Europe centrally funds the ESR program.

How does it work?
Architect and engineering professionals interview installation personnel and review all existing environmental documentation for the site. A pre-inspection ESR is prepared 60 to 180 days before the planned joint U.S.-host nation site inspection. A final ESR incorporating new information or findings on environmental conditions found during the joint inspection is then completed within 15 days after the inspection. The ESR is written in accordance with guidance in USAREUR regulation UR 200-1. The Director of Public Works at the installation concurs with the completed ESR and it is retained at the garrison level as a historical document.

What assistance is available?
ESRs are completed through A/E and service contracts managed by the Europe District.

What are the limitations?
An ESR is the first step in discovering your environmental needs. They act as the first phase in a several phase process. The results are a good starting point, but rarely entirely conclusive.

What does it cost?
IMCOM-Europe funds the program for USAREUR installations, in conjunction with other investigation work concurrently being done by the U.S. Army Claims Service, Europe. The approximate cost of an ESR per closing installation is based on the installation and therefore may range from $3,500 to $9,000.

Environmental Support to the Military

US Army Corps of Engineers ®
Europe District

Point of Contact: James T. Moore
Commercial: 0611-9744-2424
DSN: 570-2424
E-mail: james.t.moore@usace.army.mil

What is it?
Europe District's Environmental Branch provides a wide variety of products and services to support our military customers. We are a team of dedicated environmental professionals that include environmental and civil engineers, industrial hygienists, geologists, chemists, biologists, contracting, and support staff committed to providing products and services to meet your needs. We work closely with your staff to leverage their capabilities to meet mission requirements. Our team members come from a wide variety of military, other government, and private sector backgrounds. Significant installation and contract administration experience coupled with our strong team of local national employees ensures continuity and a more intimate understanding of host nation requirements. As an extension of our in-house team, we leverage a cadre of highly qualified and responsive environmental contractors.

How does it work?
Our environmental expertise and contract capability covers the full range from studies and design to construction, remediation, and long-term monitoring. We manage studies including threatened and endangered species, cultural resources, environmental baseline surveys and assessments, environmental compliance, sewer surveys, and others. This guide identifies some of our specific program areas including asbestos, environmental compliance assessment, support for Defense Energy Support Center projects, environmental service contracts, hazardous and toxic waste, and soil and groundwater remediation. We accomplish our work through a wide array of highly competent and motivated contractors including architect and engineer (A/E) contracts, environmental service contracts, multiple award task order contracts (MATOC), job order contracts (JOC), and other innovative contracting methods to meet your specific needs. We also accept project orders for specific tasks where our in-house expertise can be most effectively utilized.

What assistance is available?
If you have a question or need support, please give us a call. A project manager will be assigned to discuss your specific requirements and how best to meet them.

What are the limitations?
N/A

What does it cost?
Initial discussions over needs and requirements are at no cost. Once an understanding of requirements and the level of effort needed is reached for your specific project, an estimate of our costs will be provided. Since the Corps of Engineers is a reimbursable organization with no centralized funding, we operate much like the private sector.

EUD Design Guide

US Army Corps of Engineers ®
Europe District

Point of Contact: John Wutzer
Commercial: 0611-9744-2689
DSN: 570-2689
E-mail: john.s.wutzer@usace.army.mil

What is it?
Criteria are ever changing and a single local source is helpful to combine and compare the U.S. and host nation criteria used in Germany. The EUD Design Guide, published in July 2003, provides a consolidated listing of standards and sources most often used in regional design. It provides linked access to full criteria documents and serves as a helpful reference for standards.

How does it work?
The guide is updated periodically by the engineering team and is used by planners, Architect and Engineering firms, bauamts, in-house designers, and reviewers to assure consistency and effective incorporation of process and standards. These updates incorporate the lessons learned though resolution of construction questions and issues.

What assistance is available?
The engineering team is available to assist in using the guide and can provide technical assistance for interpretation. Both paper and electronic copies of the current guide are available through regional program managers, project managers and members of the engineering team.

What are the limitations?
N/A

What is the cost?
Nothing, it is free for the asking!

Facility Utilization Survey (FUS)

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN: 570-2825
E-mail: Philip.M.Cohen@usace.army.mil

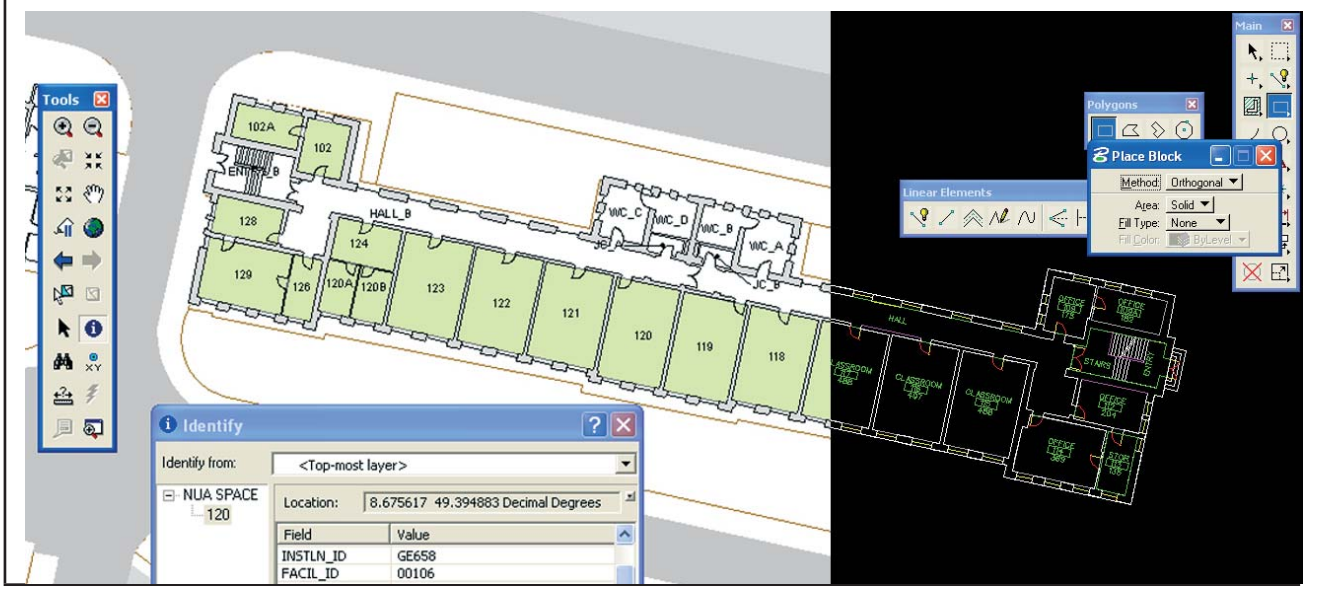
What is it?
A Facility Utilization Survey is a physical inventory of facilities on a given installation. Virtually all types of facilities (except family housing) can be surveyed. Utilization data is collected down to the individual room level. Most of the major Army installations in Europe have already been surveyed at least once. However, re-stationing actions, renovations, and use changes necessitate updates over time.

How does it work?
Facilities are individually surveyed, with notation of the users, uses, and quantities of space occupied. CAD drawings of each floor of each facility and a utilization database are created. This data is loaded into a Garrison wide GIS to allow query and display of FUS data on an updated site map is. Final data is turned over to the DPW to be kept up to date.

What assistance is available?
In-house capability exists at Europe District for small updates. Architect and engineering contracts are utilized for larger jobs. Survey scopes may be tailored to meet the customers' specific needs and budgetary constraints.

What are the limitations?
N/A

What does it cost?
The cost is approximately $.20 - $.22 per square foot of facility to be surveyed.



Fire Protection and Life Safety

US Army Corps of Engineers ®
Europe District

Point of Contact: James Hogenson
Commercial: 0611-9744-2709
DSN: 570-2709
E-mail: james.h.hogenson@usace.army.mil

What is it?
Various building codes, Unified Facilities Criteria 3-600-01 Design: Fire Protection Engineering for Facilities, the National Fire Code, and specifically, the National Fire Protection Association Life Safety Code, set minimum building criteria and standards essential to life safety. The codes apply to new construction and existing buildings. Additionally, these codes must also be balanced and incorporated into construction governed by applicable host nation standards and agreements where applicable.

How does it work?
Working through your regional program manager, customers can call for consultation if there is doubt that a facility does not fully comply with life safety code requirements. We will set up a site visit to evaluate the situation, or review the building drawing and specifications and provide the customer with a course of action. Life safety involves design, construction, building systems, protection, and other features necessary to minimize danger from fire, smoke, fumes, or panic. Minimum criteria for building size, height, exposure, distances, means of egress, number of exits, classification of occupancy, hazards of contents, fire barriers, fire escapes, door hardware, interior finishes, fire alarms, sprinklers, emergency lighting, ventilation and numerous other code requirements must be considered in every design.

What assistance is available?
Our staff consists of one registered F.P.E., as well as U.S. and host nation trained and registered architects and engineers who will evaluate applicable fire protection and life safety requirements and provide a comprehensive recommendation or solution. These staff members can also provide construction support to projects already under contract. Depending on the scope and nature of the project, a review of life safety requirements takes a few hours to a few weeks. Depending on the need, designs or study documents will be provided. Base or facility Fire Protection surveys can be requested to determine adequacy of life safety / fire protection requirements.

What are the limitations?
N/A

What does it cost?
Costs depend on the amount of effort required to accomplish the fire protection and life safety review. An estimate of the requirements will be provided upon request. It varies depending on scope and complexity of design.

US Army Corps of Engineers ®
Europe District

Force Protection Assessment, Design and Surveys

Point of Contact: Lawrence Carabajal
Commercial: 0611-9744-2324
DSN: 570-2324
E-mail: lawrence.k.carabajal@usace.army.mil

What is it?
Force protection surveys identify physical steps to improve security by eliminating or reducing vulnerability to terrorism or hostile acts. Force Protection is a growing issue particularly for U.S. forces overseas. Europe District is prepared to assist this effort with field investigations and identification of vulnerabilities or the entire work, culminating in the elimination of the vulnerabilities through specific design and construction.

How does it work?
Call and let us know your concerns. We will set up an on-site meeting to determine the scope of work, a time schedule and estimated costs for a force protection survey.

What assistance is available?
Europe District engineers who have assisted military personnel in joint field investigations concerning force protection are available to assist in conducting such surveys. Depending on the need, studies and designs can also be completed that will upgrade your facility as required.

What are the limitations?
Depending on the physical scope of the work, engineering and design can take a few days to a few months.

What does it cost?
Costs depend on the amount of effort required to accomplish the work. They vary significantly depending on the size and nature of the facility being protected. Call for an estimate.

US Army Corps
of Engineers ®
Europe District

Force Protection IDIQ
(Task Order Preparation)

Point of Contact: James O'Riley
Commercial: 0611-9744-2518
DSN: 570-2518
E-mail: james.m.o'riley@usace.army.mil

What is it?
Europe District has an Indefinite Delivery and/ or Indefinite Quality (ID/IQ) contract for force protection related construction for the U.S. Army European Command. Europe District will prepare scopes of work and award individual task orders based upon customer project needs.

How does it work?
A customer would identify the requirements and provide work authorization documents. The Installation Management Agency - Europe, or other community sources may provide funding. Our staff prepares scopes of work, walks the job site with the contractor, prepares the independent cost estimate, asks the contractor for a cost proposal for work, negotiates with the contractor for final costs and awards the task order. We also perform construction supervision.

What assistance is available?
N/A

What are the limitations?
Work is limited to real property installations.

What does it cost?
Costs are negotiated based upon the amount of time required to prepare the task order and additional expenses for TDY.

Geographic Information System Support

US Army Corps of Engineers ®
Europe District

Point of Contact: Thomas Rodehaver
Commercial: 0611-9744-2418
DSN: 570-2418
E-mail: thomas.r.rodehaver@usace.army.mil

What is it?
GIS is a powerful tool that links a set of mapping tools with a relational database, allowing the user to display land features such as roads, buildings or utilities, and store important aspects of these features such as sizes and materials for later query and analysis. GIS can greatly increase the capability and efficiency of the user and provides technological advantages for battlefield commanders seeking to analyze data. Europe District promotes the use of GIS as a platform for planning products, as it allows for widespread use by installation personnel. It is a collection of superior analytical tools and provides greater ease of periodic updates.

Users can query and retrieve data such as road material type and condition, building function, area, size, occupancy and utility type, etc. and display this visually. Older installation maps in Intergraph format may be converted to GIS format, or new maps may be prepared from aerial or ground surveys. We coordinate closely with customers to develop scopes of work and estimates for products, which could include:

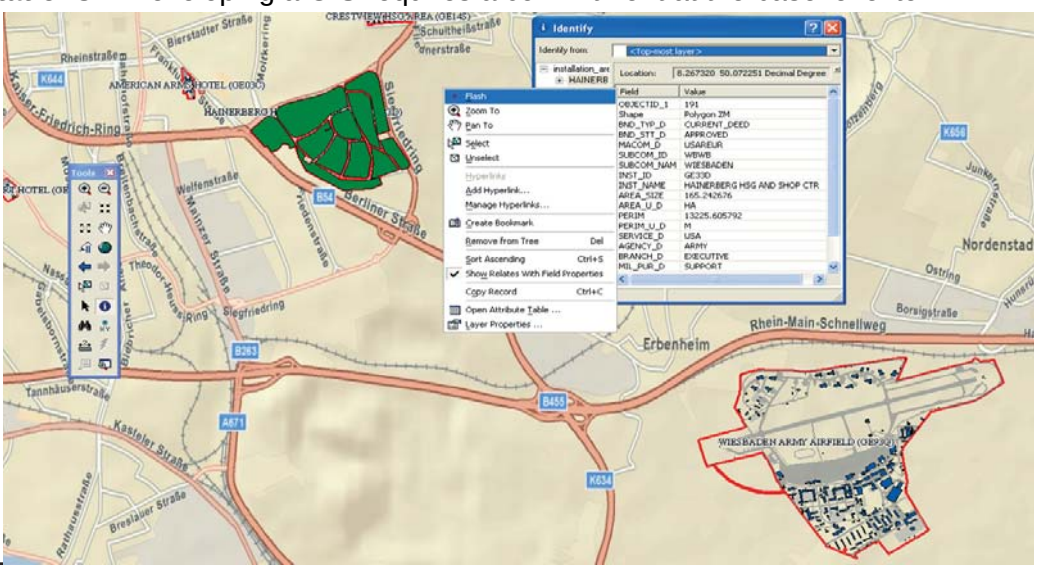
- Conversion of older CAD maps to GIS format
- Reviewing databases for proper format, setup and development
- Updating existing maps, or preparing new maps from survey information

How does it work?: The customer contacts us and discusses their needs with our GIS specialist who works to develop a cost effective solution. It's easy, just ask.

What assistance is available?: We have in-house and contractor expertise in GIS.

What are the limitations?: Developing a GIS requires a commitment at the base level to develop the initial products, keep the system maintained, and keep information updated.

What does it cost?: Rates are negotiated on the size, scope, and complexity of the work.



Hazardous and Toxic Waste

US Army Corps of Engineers ®
Europe District

Point of Contact: James T. Moore
Commercial: 0611-9744-2424
DSN: 570-2424
E-mail: james.t.moore@usace.amry.mil

What is it?
Europe District offers technical assistance managing, tracking, and minimizing hazardous and toxic waste and materials found within military communities.

How does it work?
You request assistance and we use architect and engineer (A/E) contracts to provide studies and services to meet your needs.

What assistance is available?
- Hazardous materials and hazardous waste management plans.
- Emergency spill contingency plans.
- Waste stream analysis (tracking entry point to exit point).
- Minimization recommendations (reduce, reuse, recycle, substitute).

What are the limitations?
Cooperation from tenant units within the community is important for a successful survey.

What does it cost?
Costs vary depending upon the size of the community and the services requested. However, a typical project including waste stream analysis, a management plan, and minimization recommendations generally costs $100,000 to $170,000.

US Army Corps
of Engineers ®
Europe District

Indefinite Delivery Contracts (Requirements-type)

Point of Contact: Katie Ergenekon
Commercial: 0611-9744-2395
DSN: 570-2395
E-mail: katie.c.ergenekon@usace.army.mil

What is it?
Europe District will help customers identify and contract for repetitive-type work where time and money can be saved using an Indefinite Delivery and/or Indefinite Quantity (ID/IQ) contract. ID/IQ contracts provide the customer with a specific price for a task (which may be repeated an unknown number of times). Once the initial contract is placed, you can accomplish work on a delivery order without going through the design, solicitation, and award process. ID/IQ contracts can be for an individual customer or centrally available for a variety of customers on a regional basis.

How does it work?
Our staff prepares a performance work statement to cover the items you want in the contract. Normally we use a Best Value Source Selection process that ensures you get a high quality contractor capable of working with limited oversight. The contracting officer solicits and awards the basic contract for selected specific work items. After award of the basic contract, delivery orders are prepared for individual projects and the contractor is asked to perform the necessary work.

What assistance is available?
- We can prepare and / or execute the source selection plan, SOW, source selection board and contract award
- We can design and prepare individual delivery orders for projects if the customer needs help
- We offer supervision and administration for the actual construction

What are the limitations?
The customer chooses a maximum capacity for the contract between $1 million and $5 million per year. The basic contract is one year with two one-year extension options.

What does it cost?
The cost to procure the basic contract is negotiated based upon the estimated time required to prepare and award it – typical costs are between $25,000 - $50,000 depending upon the complexity of the work. Individual delivery order costs are also dependent upon the complexity of work, but generally run about 8 percent of the estimated construction costs. Construction supervision is generally 8 percent also. If contracts are for an individual customer, a 4 percent minimum guarantee must be put in place to award a contract. This fee is used to help fund future delivery orders. For regional contracts, the minimum guarantee can be centrally funded.

Independent Technical Review and Assistance

US Army Corps of Engineers ®
Europe District

Point of Contact: Achim Knacksterdt
Commercial: 0611-9744-2329
DSN: 570-2329
E-mail: achim.knacksterdt@usace.army.mil

What is it?
Prior to construction, all designs require an independent technical review to verify overall design quality, confirm compliance with customer needs and expectation and to ensure that both applicable U.S. and host nation criteria are adequately incorporated. This review will be accomplished by professional architects and engineers to ensure that acceptable standards of quality are met and that the government receives maximum value for the costs incurred.

How does it work?
Project managers will normally identify the review requirements and costs in their project management plan, no matter if it is a complete design package or not.

What assistance is available?
Europe District has overall responsibly for product review. Depending on the need and scope of the effort, we will perform the technical review with experienced in-house architects and engineers, use our NAD regional technical expertise, call the center of expertise in other Corps of Engineers districts and divisions, or possible use architect and engineering sources as necessary.

Technical experts will ensure life safety, fire protection, provisions for the disabled, force protection, functional performance, structural soundness, pleasing aesthetics, compliance with codes and criteria, accurate cost estimates, value engineering, biddability and constructability, and compliance with statutory scope limitations are all properly addressed in the design.

In addition to formal independent technical review, technical advice and recommendations can be provided to assist in problem resolution, study of alternatives, and assessment of design options. Our in-house engineering staff combines experience with large-scale program reviews and resolution of actual construction problems to provide real-time lessons learned in the form of specific technical guidance and expertise related to special problems.

What are the limitations?
The technical review of most projects or specific areas of design normally takes a few hours to a few days, depending on the nature of the work. Technical advice dialogues can range from hours to days, depending on the question and solution requested.

What does it cost?
Costs depend on the amount of time required to perform the technical review. We will be glad to provide an estimated cost upon request.

Installation Design Guide (IDG) (and Updates)

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN 570-2825
Email: philip.m.cohen@usace.army.mil

What is it?
Want to make your installation a showplace or even just better place to work and live? Consider an Installation Design Guide. IDGs develop an overall architectural and environmental theme for a garrison and serves as a key tool for planning and project development. An IDG consists of two separate parts: standard design guidelines and specifications to be used on all projects, and priority improvement projects, along with cost estimates, that apply the guidelines and that illustrate solutions reinforcing the objectives of the Communities of Excellence program.

How does it work?
IDGs need to be periodically updated to reflect community development and changing mission requirements. IDGs were originally established to upgrade the visual image of U.S. military communities and increase the functional efficiency of installation operations. IDGs contain valuable information that is frequently accessed by planners, decision-makers, designers, and others interested in enhancing quality of life. Communities must have an IDG to be eligible for Communities of Excellence awards and resulting monies.

What assistance is available?
Europe District pioneered the development of IDGs in the Army. In addition to our experienced in-house project managers, architects and engineering contracts are utilized. Individual scopes may be tailored to meet the specific needs and budgetary constraints of your military community. IDGs can be incorporated into your military community's Web site.

What are the limitations?
The IDG project illustrates "concept level" solutions. However, these solutions do contain enough detail to be executed through JOC or MATOC contracts.

What does it cost?
Typical IDGs for an entire community cost between $100,000 and $200,000. Updates, with on-line capacity, are estimated at $100,000 per military community.

Integrated Training Area Management

US Army Corps of Engineers ®
Europe District

Point of Contact: James T. Moore
Commercial: 0611-9744-2424
DSN: 570-2424
E-mail: james.t.moore@usace.army.mil

What is it?
Europe District can provide customer support in the execution of projects available for funding under the Integrated Training Area Management (ITAM) program. ITAM projects can include Land Rehabilitation and Maintenance projects, erosion control projects, natural resource management, GIS, remote sensing capabilities and other services necessary to support training area management at Major Training Areas and Local Training Areas in Europe.

How does it work?
The Corps of Engineers has positioned a forward-deployed program manager / project manager located at the Grafenwöhr training area with training support activities Europe. The program manager or project manager is centrally funded by the ITAM program to support the customer in the execution of the program. Call for further information.

What assistance is available?
The District provides acquisition planning and total Life Cycle Projects Management (LCPM). We will help the customer plan their program, manage the development of the Scope of Work, award the Task Order, manage the project, provide technical support and review capabilities, provide financial management for work accomplished, and provide quality assurance on the work site. The District has trained and experienced managers and field personnel to execute your project and can reach back to other Districts for specialized technical support.

What are the limitations?
Projects must be eligible for ITAM funding.

What does it cost?
LCPM and support for scoping and execution of studies and designs is centrally funded. The cost associated with supervision and administration (S&A) of construction projects is 9 percent of the task order cost. S&A costs are not centrally funded, but may be included in the project programmed amount that is funded by ITAM. The program manager can help you plan these costs.

Job Order Contracts

US Army Corps of Engineers ®
Europe District

Point of Contact: Ashok Batavia
Commercial: 0611-9744-2710
DSN: 570-2710
E-mail: ashok.batavia@usace.army.mil

What is it?
Europe District can develop Job Order Contracts (JOCs) to provide customers a flexible, quick construction option for relatively simple, small to medium sized construction projects.

How does it work?
The customer identifies requirements and requests a JOC contract. We advertise, select and award the basic contract. The customer develops task orders for individual projects, and has ordering officer and contracting officer's representative authority. We perform technical and procurement reviews and maintain Contracting Officer Representative authority.

What assistance is available?
- The standard operating procedure manual is available
- We offer technical guidance to assist in preparing delivery orders including windows-based software.
- USAREUR-sponsored JOC training courses are offered through Europe District.

What are the limitations?
- Customers choose a maximum capacity for the contract between $1 million and $10 million annually
- Individual task orders may not exceed $1 million
- Your ordering officer may sign task orders up to $500,000. The Europe District's contracting officer signs task orders above $500,000
- The basic contract is one year with two one-year options.

What does it cost?
- The basic contract is $30,000
- To process a task order to be received and awarded by the contracting officer costs $1,500 (for under $100,000) and $3,000 (for over $100,000)

US Army Corps
of Engineers ®
Europe District

JOC Task Order
(Preparation and Quality Assurance)

Point of Contact: James O'Riley
Commercial: 0611-9744-2518
DSN: 570-2518
E-mail: james.m.o'riley@usace.army.mil

What is it?
Europe District can develop Job Order Contracts (JOCs) to provide customers a flexible, quick construction option for relatively simple, small- to medium- sized construction projects.

How does it work?
The customer identifies requirements and requests a JOC contract. We write the scope, negotiate the award value, and award the task order. Our staff provides supervision and administration of the task order after award.

What assistance is available?
- We offer project management from inception to completion
- We can develop the scope and the estimate

What are the limitations?
- Individual delivery orders may not exceed $1,000,000.
- 90 percent of the work must consist of construction items listed in the Unit Price Book

What does it cost?
Project development costs, solicitation of a proposal, negotiation, and award of a task order typically cost 8 percent of the award value. Supervision and administration of the task order typically cost 7.5 percent of the award value. Contracting cost for award of Task Orders less than $100,000 are $1,500 and Task Orders more than $100,000 are $3,000.

Life Cycle Project Management

US Army Corps of Engineers ®
Europe District

Point of Contact: Kris Hurst
Commercial: 0611-9744-2570
DSN: 570-2570
E-mail: kristopher.m.hurst@usace.army.mil

What is it?
Project management services are available to transform customer ideas into viable construction projects. This includes complete construction packages, systems reports, or any other design service required by a customer.

How does it work?
The customer identifies your requirements and requests design (or design and construction) services. A Life Cycle Project Manager (LCPM), with assistance from the entire project team including the customer, will:

- Provide detailed design criteria
- Negotiate with an Architect-Engineer firm
- Award a design contract or coordinate design by a Corps of Engineer team
- Manage / execute the project through various design phases and design reviews
- Monitor and manage funding
- Coordinate with host nation officials
- Perform design reviews with the customer to monitor project status
- Coordinate biddability, constructability, operability, environmental review
- Develop a solicitation package for construction contract proposals or monitor the indirect construction contract award process
- Monitor/manage the quality assurance program, schedule, and cost during construction.

What assistance is available?
Our experts offer:

- LCPM - The project manager spearheads your project through design, advertisement, construction, and closeout
- Project management services for both direct and indirect (host nation) projects
- Coordination with multiple customers and agencies, ensuring all U.S. and German standards and criteria are met

What are the limitations?
N/A

What does it cost?
Rates average $120 per man-hour. The total cost is dependent upon size and complexity of the design.

Maintenance Contracts

US Army Corps of Engineers ®
Europe District

Point of Contact: Katie Ergenekon
Commercial: 0611-9744-2395
DSN: 570-2395
E-mail: katie.c.ergenekon@usace.army.mil

What is it?
Indefinite Delivery and/or Indefinite Quantity (ID/IQ) contracts are an ideal solution for repetitive type work. ID/IQ contracts may be used to acquire supplies and services, including construction, when the exact times or exact quantities of future deliveries are not known at the time of contract award. ID/IQ contracts provide the client a specific price for a task which may be repeated an unknown number of times. When a requirement occurs, clients have a contract, or may even have multiple contracts (see MATOC task orders), in place ready to place orders. As a result, there is no lengthy procurement process. This results in time and cost savings. ID/IQ contracts can be for an individual client or centrally available for a variety of clients on a regional basis.

How does it work?
Europe District (EUD) assists clients by identifying repetitive-type work and the most appropriate contracting tool. The technical team prepares specifications or a performance work statement based on client input. EUD issues the solicitation, Request for Proposal, utilizing the 'Best Value' method. This means the contract award is not based on price alone, as technical performance is a major consideration. After the solicitation is issued a Pre-Proposal Conference and site visit is held by the Contracting Officer, with the Technical Team and the client in attendance. When proposals are received, the client is given the opportunity to become a voting member of the Technical Evaluation Board, and therefore, has input on the evaluation of potential awardees. Task/Delivery Orders are issued when the client has a requirement. The EUD staff administrates the contract after award by issuing Task Orders and providing quality assurance services (Supervision and Administration - S&A) throughout the life of the contract. Option years may be awarded if the customer has a continuing need, is satisfied with the contractor's performance and/or EUD's contract execution. EUD provides complete services from conception to contract close out.

What assistance is available?
The District provides acquisition planning and total Life Cycle Projects Management (LCPM). We will help the customer plan their program, manage the development of the scope of work, award task orders, provide technical support, and provide quality assurance on the work site.

What are the limitations?
EUD can award up to $15 million per contract. Contract values over $15 million can be acquired with higher authority approval; however, additional time is required to obtain this approval. Due to the recent currency fluctuation, EUD recommends the following contract duration: basic contract one year with up to two, one-year options. Contract duration is negotiable.

What does it cost?
Cost to procure the basic contract begins at $20,000 when EUD performs S&A. Other contracts are negotiated based upon actual costs for the solicitation package. Individual Delivery Order/Task Orders are dependent upon the complexity of work beginning, at $2,500.

Master Plans

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN 570-2825
E-mail: philip.m.cohen@usace.army.mil

What is it?
Great installations and facilities don't just happen. To be great one must establish realistic goals and concentrate resources on achieving them. To accomplish proper planning, customers must have a well thought out and coordinated master plan. Master planning is prudent, as they can maximize funding effectiveness, and assist in competing more successfully for limited dollars. The Army calls it the Real Property Master Plan. Europe District has in-house and contract capability to prepare complete master plans or any of the supporting documents, including:

- Mission and visioning studies
- Land use maps and plans
- Area development plans (ADPs)
- Future development plans
- Existing condition and development constraints mapping
- Utility studies (including privatization)
- Facility utilization surveys
- Project and movement sequencing plans
- Traffic studies
- Installation design guides (IDGs)
- Housing community plans
- Real property master plan digests

How does it work?
Call our planning staff; we will work to identify the master planning needs and to develop a cost effective strategy for achieving them.

What assistance is available?
Europe District has many years of experience conducting planning studies of all types. Our planner/project managers will work with and advise the customer. Based on the customer's needs, we prepare the statements of work and cost estimates, then negotiate and manage contracted projects or prepare the plans with our in-house expertise.

What are the limitations?
Scope and methods can be adjusted to meet specific needs and budgets. Our indefinite delivery-type planning contracts are incredibly flexible and give the customer access to some of the best planning firms worldwide. In addition, we have some excellent in-house services like area development planning.

What does it cost?
Rates are negotiated based on size, scope. and complexity of work. The cost for one document such as a long range component or Digest range from $75,000-$125,000; a complete master plan could cost between $250,000 - $450,000.

Multiple Award Task Orders (MATOC)

US Army Corps of Engineers ®
Europe District

Point of Contact: James O'Riley
Commercial: 0611-9744-2518
DSN: 570-2518
E-mail: james.m.o'riley@usace.army.mil

What is it?
MATOC task orders are an attractive alternative to IFB or RFP for direct contract construction. They provide a flexible, quick way to procure construction services for small- to medium- sized construction projects, which may be too large or too complex for a JOC task order. A pool of pre-qualified contractors is invited to submit proposals on your project once it has been identified and scoped. Pre-qualified MATOC contractors also have design-build capability so projects won't need a complete design to be awarded as a construction contract.

How does it work?
The customer identifies requirements and requests assistance. We help finalize the scope and prepare it for bidding, invite the pre-qualified contractors to bid, and select and award the task order. Once the project is prepared for bid, a task order can be awarded in six to 10 weeks, depending on the complexity of the work. Our staff administers the contract after award and provides quality assurance services throughout the life of the contract (S&A). The documentation required include a completed job data sheet or Work Authorization Document (4283) and a certified funding document or SAF MIPR.

What assistance is available?
- Project management of your project from inception to completion
- Supervision and administration of the awarded task order
- Development of the scope for construction or design/build
- If needed, a separate design effort either in-house or by an architect and engineering firm

What are the limitations?
The best use of the MATOC process is for projects not less than $100,000 in value. The MATOC has a contractual limit of the maximum value of the contract.

What does it cost?
Task order development is negotiable, but usually around 8 percent of the estimated construction cost. There may be other negotiable costs. Supervision and administration for construction is typically 7.5 percent.

US Army Corps
of Engineers ®
Europe District

OMEE Contracts (Performance-type)

Point of Contact: Katie Ergenekon
Commercial: 0611-9744-2395
DSN: 570-2395
E-mail: katie.c.ergenekon@usace.army.mil

What is it?
If you have a facility where strict adherence to operations and maintenance procedures is essential to protect technology and long-term reliability, an Operation and Maintenance Engineering Enhancement contract (OMEE) may be a wise investment.

Europe District develops OMEE contracts to help customers manage complicated systems or buildings that contain many sensitive systems. The concept was developed to ensure the reliability of hospitals and the multitude of systems that support modern medical practice.

How does it work?
Garrisons or Base Civil Engineers can propose an OMEE contract for a facility any time. However, the best opportunity is during the design phase when design engineers feed in special maintenance management system requirements and enhancements.

What assistance is required?
Our project manager and a technical engineer will review the facility to determine feasibility. They will analyze the estimated cost of maintenance under design or the maintenance records on an existing facility to see if the costs of preparing an OMEE contract are justified.

What are the limitations?
Preparation costs for an OMEE contract must be financed over several years.To be cost effective, it must protect a high-dollar investment. For example, a facility with an air conditioning plant, a compressed gas system, a radiation treatment unit, and a highly sophisticated security system might be a candidate for OMEE.

What does it cost?
Contract maintenance is higher than in-house costs for the same facility. But if you have sensitive, sophisticated systems, without adequate staff, then an OMEE contract is often cheaper than attempting to find part-time experts.

One-Stop Program
Free Technical Consultation

US Army Corps of Engineers ®
Europe District

Point of Contact: Charles “Skip” Hull
Commercial: 0611-9744-2416
DSN: 570-2416
E-mail: charles.s.hull@usace.army.mil

What is it?
Europe District’s One-Stop funds give you access to specialized master planning, programming, force protection, environmental, engineering and architectural skills at no cost for Department of Army (DA) appropriated facilities. The service is centrally funded by DA to help garrisons better identify problems and potential solutions in areas where you may need further engineering assistance may be needed.

How does it work?
Contact either your Installation Support Branch representative above or your regional program manager to explain your requirement and request support. The Europe District contacts the customer to determine the scope of work and arrange an appointment (telephone or site visit) to review the problem. The scope of our effort is limited to 16 to 24 hours of actual effort (travel doesn’t count). The hours can be increased if approved by the District’s One-Stop coordinator.

What assistance is available?
Technical assistance in all master planning, programming, force protection, environmental, engineering and architectural disciplines are available from the Europe District. Documentation of our findings or results will be provided.

What are the limitations?
Funds are limited, so requests are provided on a first-come, first-served basis until all our annual One-Stop funds are spent. Funds are Operations and Maintenance, Army (OMA) and cannot be used to directly support Air Force, DoDDS, DECA, or NAF. But ask first and we’ll try to figure out an appropriate method to assist.

What does it cost?
There is no cost.

Planning Charrettes

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN: 570-2825
E-mail: philip.m.cohen@usace.army.mil

What is it?: A charrette is an intense collaboration among stakeholders, professional engineers, and architects to define project requirements, estimate costs, and accomplish necessary coordination quickly. The process involves gathering information and defining project requirements, both in written and visual form, and developing a “charrette” document that is briefed for approval to the appropriate installation-level commander who owns the facility. This process maximizes the customer’s access to the designer and the designer’s access to both the site and the installation during initial planning and during design development.

How does it work?: E and C Bulletin No. 2002-13 dated Sept. 6, 2002, recommends design charrettes during the early design phase of all projects. The design charrette, utilizing an experienced facilitator and involving all stakeholders, will eliminate the misunderstanding common during this phase of a project. Both money and time are saved because the need for later changes is vastly diminished or eliminated altogether. Redesign is markedly reduced because all project requirements and criteria are identified up front and validated within a group setting. Communication among all parties begins at the start of a project and partnering patterns are established early. Within a short time, the project can be brought to completion and reviewed 35 percent, which also includes the value engineering aspects. Because a team atmosphere has been created and lines of communication have been established, problem solving as the project progresses is also easier.

What assistance is available?: The engineering team possesses the expertise and staff to provide a variety of charrette services. The team pulls from experienced design professionals whose backgrounds include program/project management, design, teaching, training, group facilitation, and charrette experience. Team members also support the planning team (Installation Support Branch) by providing technical expertise for DD Form1391 planning charrettes. The team has developed a variety of charrette services, and team members are available to assist with your charrette-related needs from initial consultation through execution. Usual services include:

- Facilitating (English, German or other as required)
- Providing technical professionals in the appropriate disciplines (civil/structural/architectural/electrical/mechanical/etc.)
- Cost estimating, economic analysis and/or value engineering capability
- Providing sustainable design review and disability design analysis
- Providing drafting or production staff

What are the limitations?: N/A

What does it cost?: Cost depends on the complexity of the project and the amount of effort required to produce the required end products, plus travel. Estimates will include pre-charrette preparation time and follow up. Normally charrettes take from 4-10 days depending on project requirements, and range in cost from $55,000 - $90,000.

Project Orders

US Army Corps of Engineers ®
Europe District

Point of Contact: Paul Cheverie
Commercial: 0611-9744-2711
DSN: 570-2711
E-mail: paul.cheverie@usace.army.mil

What is it?
Project orders offer customers a simple tool for buying the services of Europe District's in-house staff. Project orders can be accepted at any time, but are especially beneficial to the customers at fiscal year end. Customers can then obligate expiring funds to meet bona fide needs and the Europe District staff can do the work in the next fiscal year.

How does it work?
Customers identify requirements on a DD Form 448 (MIPR) and sign a statement certifying the work is a genuine necessity of the fiscal year. Customers then assign a completion date for the project (usually 30 September of the subsequent fiscal year).

The Europe District must produce the product substantially in-house and start the effort within 90 days of acceptance of the job order.

What assistance is available?
All services can be offered by our staff, including all engineering and architectural disciplines:
- Cost estimating
- Technical specification writing
- Surveying
- Project management

What are the limitations?
- Project orders cannot be accepted solely for architect and engineering design review.
- Project orders cannot be accepted for supervision and administration for construction projects.

What does it cost?
Fees are negotiable based on the scope of the project or services.

Quick Response Design Team

US Army Corps of Engineers ®
Europe District

Point of Contact: James O'Riley
Commercial: 0611-9744-2518
DSN: 570-2518
E-mail: james.m.o'riley@usace.army.mil

What is it?
Europe District can provide customers flexible, quick design and construction options for relatively simple, small- to medium-sized construction projects. These projects can be executed directly using job order contracts or multiple award task order contracts with excellent results. For projects with simple design needs, we maintain a full staff of local national employees with many years of experience at DPWs. Typical projects include force protection, office renovations, computer rooms, SCIFs, range facilities, office renovation and other more complex projects.

How does it work?
The customer identifies requirements and contacts us; we will then arrange a site visit. From there we discuss options, develop the scope, government estimates, and contract package. Following negotiation and award we will provide supervision and administration of the contract.

What assistance is available?
We have the full set of project management, design, contracting, and construction services.

What are the limitations?
In Germany, projects must fall within the limits of the ABG75 process. Elsewhere some local rules may apply. Ask us and we'll let you know what is possible at your location.

What does it cost?
Costs are negotiable, but generally run 8 percent for project planning and development and 7.5% for construction supervision and administration.

Radon and Asbestos Services

US Army Corps of Engineers ®
Europe District

Point of Contact: Lynn Daniels
Commercial: 0611-9744-2748
DSN: 570-2748
E-mail: Lynn.A.Daniels@usace.army.mil

What is it?
Europe District offers customers a broad range of contract services, which include (but are not limited to) radon and asbestos surveys/testing, mitigation/remediation, and air monitoring.

How does it work?
Our in-house Industrial Hygienist can respond to questions and concerns on radon and survey issues. Our architect and engineer services contracts allow the District to execute surveys / testing and air monitoring projects. Mitigation/remediation projects can be executed through one of our construction or service contracts. If a customer needs comprehensive assistance, we will prepare a scope of work and negotiate rates for the services based upon the nature of the requirement. To actually begin work, a directive and a funded DD Form 448 (MIPR) are required from the customer.

What assistance is available?
- Telephone consultation
- Life Cycle Project Management to include developing scopes, managing invoicing, and contract management.
- Short reports on problems and recommended courses of action
- In-depth study and analysis
- Design
- Construction and service contracts for mitigation and abatement
- Quality assurance for on site work

What are the limitations?
The estimated cost of the scope of work should not exceed the contract capacity established in the base service contract. Our contract limits are $250,000 per task order, with a total capacity of $1.5 million per year.

What does it cost?
Initial discussion over needs and requirements are at no cost. Once an understanding of requirements and the level of effort needed are reached for a customer's specific project, an estimate of our costs will be provided. The cost of the actual survey/testing or mitigation/ remediation will vary from project to project.

Real Property Planning Support

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN 570-2825
E-mail: Philip.M.Cohen@usace.army.mil

What is it?
The Real Property Inventory (RPI) is a comprehensive database of all the buildings, facilities, roads, etc., that a garrison commander is responsible for. Among other things, it includes data on the functional use, size, and value of all real property. The RPI is the foundation of RPLANS, the Installation Status Report (ISR), and Department of the Army operations and maintenance funding models. It is in the garrison's best interest to make it accurate.

How does it work?
We work with the customer and IMCOM-Europe to determine the inventory condition and develop a strategy to fix it if necessary.

What assistance is available?
If the existing facilities inventory (IFS) is not up to date, we can take the recently completed Facility Utilization Survey (FUS) data and input it into IFS (see separate FUS sheet). If a recent FUS is not available, we can help the customer complete one while updating the RPI.

What are the limitations?
N/A

What does it cost?
The cost depends on the required effort. Simple problems can be solved in hours, complex problems in days or weeks. Depending upon the level of effort required, support costs can range from $10,000 – $75,000.

Real Property Master Plan Digest

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN: 570-2825
E-mail: philip.m.cohen@usace.army.mil

What is it?
If a customer needs a clear, concise document outlining their garrison's missions, goals, and long range facility development plans – they need a Real Property Master Plan Digest (RPMPD). This plan is an "executive summary" of the Real Property Master Plan (RPMP), which describes existing conditions and provides a less voluminous overview of the future development for an installation or garrison. The RPMPD is the ideal tool for garrison commanders to brief their facility plans to distinguished visitors.

How does it work?
In collaboration with the garrison and IMCOM-Europe, we can define your needs and develop a scope of work and cost estimate. Normally we negotiate with one of several military facility planning firms we have on ID/IQ contract, however, on occasion we have worked a hybrid effort, mixing our in-house resources with an architect-engineer task order.

What assistance is available?
Through a process of site surveys and interviews, we gather and develop information to prepare the actual RPMPD. The final product can be delivered as a Web-based product with the capability for document printing.

What are the limitations?
The RPMPD is not a replacement for the RPMP. Other, more comprehensive planning studies may be required at individual installations or garrisons.

What does it cost?
The average cost for a RPMPD is around $100,000. Our estimate for an annual update is around $35,000.

Road Infrastructure Support

US Army Corps of Engineers ®
Europe District

Point of Contact: Tony Korves
Comm (49) 611-9744-2353
DSN 314-570-2353
E-mail: Anthony.A.Korves@usace.army.mil

What is it?
Europe District offers support on a full range of road infrastructure issues, including conducting cursory visual evaluation of current host-nation road networks, conducting low-level in-house design, awarding and managing complete design contracts, reviewing plans/drawings, and overseeing / conducting due diligence on road construction projects.

Work also includes contracting surveys for analyzing geotechnical issues, hydrological issues, material acquisition, traffic, distances, etc.

How does it work?
Our in-house technical staff responds to questions and concerns on a variety of road infrastructure issues. Customers can call and request assistance at no cost. If a customer needs comprehensive assistance, we will prepare a scope of work and negotiate rates for the services based upon the nature of the requirement. We will use our in-house experts or an architect and engineer (A/E) contract to conduct any studies required. A/E firms typically perform designs.

What assistance is available?
- Telephone consultation
- Site visits
- Short reports on problems and recommended courses of action
- In-depth study and analysis
- Design
- Construction and service contracts

What are the limitations?
Limitations will include transportation to and from the work site and finding appropriate resources, workers, and equipment.

What does it cost?
Initial discussion over needs and requirements are at no cost. Once an understanding of requirements and the level of effort needed are reached for a customer’s specific project, an estimate of our costs will be provided. Costs typically range from 2 to 8 percent of the total project cost.

Soil and Ground Water

US Army Corps of Engineers ®
Europe District

Point of Contact: Tony Korves or James T. Moore
Comm (49) 611-9744-2353 / 2424
DSN 314-570-2353 / 2424
E-mail: anthony.a.korves@usace.army.mil, james.t.moore@usace.army.mil

What is it?
Europe District offers support on a full range of soil and ground water contamination issues—from pollution prevention to remediation and compliance with environmental laws and regulations.

How does it work?
Our in-house technical staff responds to questions and concerns on a variety of soil and ground water issues. Customers can call and request up to two days of technical assistance at no cost. If a customer needs comprehensive assistance, we will prepare a scope of work and negotiate rates for the services based upon the nature of the requirement. We will use our in-house experts or an architect and engineer (A/E) contract to conduct the study. A/E firms typically perform designs. Remediation is handled by a construction or services contracts depending on the type of remedial action required.

What assistance is available?
- Telephone consultation
- Site visits
- Short reports on problems and recommended courses of action
- In-depth study and analysis
- Design
- Construction and service contracts for remediation

What are the limitations?
N/A

What does it cost?
Initial discussion over needs and requirements are at no cost. Once an understanding of requirements and the level of effort needed are reached for a customer's specific project, an estimate of our costs will be provided.

Stationing Plans

US Army Corps of Engineers ®
Europe District

Point of Contact: Philip M. Cohen
Commercial: 0611-9744-2825
DSN: 570-2825
E-mail: philip.m.cohen@usace.army.mil

What is it?
Stationing plans are tools for analyzing the impacts and requirements needed to move units from one installation to another. A unit's facility requirements are determined and compared to the availability of facilities on the new installation. A plan is then developed combining the use of existing facilities, and the renovation or construction of additional facilities. These usually involve developing the sequence of minor projects and domino moves to accomplish the stationing plan.

How does it work?
A customer identifies the stationing problem and calls our planning staff. Interviews, field surveys, categories of facilities for analysis, briefings, and sequencing plans can be tailored to meet specific needs.

What assistance is available?
In most cases we hire architect - engineer contractors to calculate floor space and facility authorizations per Army standards for each unit involved. The impact of a potential unit is analyzed, comparing total requirements with real property assets. Critical units and agencies are interviewed to develop special requirements. Several alternatives are presented, giving your commander and his staff the opportunity to participate in selecting the best option. Command briefings can be included if desired.

What are the limitations?
Formats and scopes can be adjusted to meet specific needs and budgets. Our delivery-type planning contracts offer quick execution with some of the best planning firms.

What does it cost?
Rates are negotiated based on size, scope, and complexity of the work. Recent stationing plans for large, multiple unit moves have costs between $100,000 and $200,000. Less involved unit movement or space-planning studies for single organizations cost significantly less.

Structural Investigations

US Army Corps of Engineers ®
Europe District

Point of Contact: Lawrence Carabajal
Commercial: 0611-9744-2324
DSN: 570-2324
E-mail: lawrence.k.carabajal@usace.army.mil

What is it?
Many facilities in use by U.S. forces are at least 50 years old and in unknown structural condition. Buildings were constructed with different materials, structural systems, design parameters, and by different methods and for different uses.

How does it work?
Call to set up a site visit to evaluate the situation and make recommendations. If a follow-on investigation is desired, we can prepare the scope of work and complete the investigation, testing, and analysis.

What assistance is available?
In additional to “hands-on” experience, District structural engineers can tap the expertise of other structural consultants and laboratories when necessary.

Many buildings have undergone undocumented and unanalyzed physical, functional, and structural changes over the years. Past experience has proven that even similar looking and adjacent buildings can be significantly different structurally. Intrusive structural investigation of an existing facility is an essential pre-design requirement that pays off with better designs, safer structures, more accurate costs, and faster construction.

What are the limitations?
Depending on the scope and condition of the facility, the investigation, testing, and analysis can take a few weeks or a few months. An estimate of the time requirements can be provided quickly upon request.

What does it cost?
The cost depends on the amount of effort required to accomplish the investigation. It varies significantly depending on scope and condition of the facility. Call for an estimate.

Sustainable Design and Development

US Army Corps of Engineers ®
Europe District

Point of Contact: Eric Garcia
Commercial: 0611-9744-2274
DSN: 570-2274
E-mail: eric.p.garcia@usace.army.mil

What is it?
Sustainable Design and Development (SDD) is the holistic process of planning, designing, building, renovating, deconstructing, operating, and maintaining facilities while considering the impact on the environment, energy use, natural resources, the economy, and the overall quality of life. Sustainable Design and Development is needed to save energy and reduce emissions, to utilize renewable resources, to maximize facility performance and to improve indoor air quality, which increases employee health, safety, and productivity.

How does it work?
The Army utilizes Leadership In Energy and Environmental Design (LEED) to quantify and measure the sustainability of its projects. Projects are rated per their facility categories: sustainable site, water efficiency, energy and atmosphere, materials and resources, indoor environmental air quality, facility delivery process, and current and future missions. LEED New Construction has a maximum of 69 performance points. In January 2006, the Deputy Assistant Secretary of the Army required that all FY08 and future military construction projects achieve a minimum rating of LEED Silver (33 – 38 points). For indirect projects, we are working with host nation partners to integrate U.S. and local criteria to achieve cooperative savings.

What assistance is available?
The engineering team possesses the expertise to provide assistance in understanding and utilizing the LEED rating tool. Team members are available to provide an overview of sustainable design and development as well as to train in-house experts on the use of LEED principles. Staff members are available to conduct awareness workshops as needed. We can do the LEED evaluation but are working it into the charrette process at either the DD Form 1391 planning or the design phase. The staff has developed a reference library of SDD information and examples of successful projects utilizing the principles of sustainable design.

What are the limitations?
N/A

What does it cost?
The cost depends on the amount of effort required to accomplish the work. An estimate will be provided upon request.

Technical Design Review

US Army Corps of Engineers ®
Europe District

Point of Contact: Achim Knacksterdt
Commercial: 0611-9744-2329
DSN: 570-2329
E-mail: achim.knacksterdt@usace.army.mil

What is it?
It is good engineering practice to ensure all design packages have been reviewed by independent professional architects and engineers to ensure acceptable standards of quality are met so the government receives maximum value for the costs incurred. The customer simply lets us know what they would like to have reviewed to ensure technical excellence, whether it is the complete design package or specific areas of an engineering system.

What assistance is available?
Europe District will perform the technical review with experienced in-house architects and engineers, solicit a private special consultant, or call on centers of expertise in other Corps of Engineers districts and divisions, if necessary.

Technical experts will ensure life safety, fire protection, provisions for the disabled, force protection, functional performance, structural soundness, pleasing aesthetics, compliance with codes and criteria, accurate cost estimates, value engineering, biddability and constructability, and compliance with statutory scope limitations. All are properly addressed in the design.

What are the limitations?
The technical review of most projects or specific areas of design normally takes a few hours to a few days, depending on the nature and scope of the work.

What does it cost?
Costs depend on the amount of time required to perform the technical review. We will be glad to provide an estimated cost upon request.

US Army Corps
of Engineers ®
Europe District

Utility Studies

Point of Contact: Achim Knacksterdt
Commercial: 0611-9744-2329
DSN: 570-2329
E-mail: achim.knacksterdt@usace.army.mil

What is it?
Utility studies analyze the physical and operational condition of many utility systems, such as water distribution, power distribution, and sewer systems to determine the level of deterioration or disrepair.

How does it work?
We will set up an on-site meeting to help assess the customer's needs and determine the scope of work, a time schedule, and an estimated cost of the study. Just give us a call.

What assistance is available?
We have in-house, qualified technical experts who can prepare the utility study or, if necessary, utilize the expertise of special consultants.

Utility studies identify ways to save utility costs and ways to reduce operating costs. A utility study can provide necessary data to prioritize and program repairs and upgrades. It can also identify potential or existing health and environmental hazards and advise on how to minimize or eliminate the hazard.

What are the limitations?
Depending on the scope and condition of the system, the study can take a few weeks to a few months. An estimate of the time requirements can be provided upon request.

What does it cost?
Costs depend on the amount of effort required to accomplish the study and can vary significantly depending on the scope and condition of system. Call for an estimate.

Value Engineering Studies

US Army Corps of Engineers ®
Europe District

Point of Contact: Paul Mason
Commercial: 0611-9744-2287
DSN: 570-2287
E-mail: paul.j.mason@usace.army.mil

What is it?
Value Engineering is a science devoted to reducing costs and increasing efficiency. Not only does this make good engineering and design sense, it is smart economics that ensures the biggest “bang for the buck” which is essential when funds and resources are limited. The Office of Management and Budget Circular A-131 (1993) requires value engineering to be performed on all construction projects with a CWE of $2 million or more. Projects between $1 million and $2 million may be included if cost effective.

The Value Engineering Study (VES) is an on-site group effort that analyzes the design and function of construction, equipment, and materials to reduce life cycle cost without sacrificing quality, aesthetics, or operations and maintenance capability. Recommendations for cost, time, and system changes/savings result.

How does it work?
The VES is usually programmed as an element within the Project Management Plan and is scheduled near the concept submittal. Often, these studies can be accomplished as part of the initial design charrette when project size, resources, and schedules allow. This saves both time and effort and captures the “teaming spirit” created in the charrette effort. If a full value engineering study is desired, our technical experts will review the drawings and specifications, analyze the high cost items and their functions, develop alternatives, select the best alternative, and present a cost savings proposal.

What assistance is available?
The Europe District Value Engineering Officer who is trained and experienced in VE methodology directs a multi-disciplinary engineer team to provide the customer with guidance and discuss the various alternatives available.

What are the limitations?
Depending on the scope and nature of the project, the VES usually takes one week. Time is then allowed for the final report.

What does it cost?
Cost depends on the amount of effort required to accomplish the study and varies depending on the scope and complexity of the design being studied. Call for an estimate.